JFW

Practitioner's Docket No. 740789-54350

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In reapplication of: Michael Stephen Boger et al.

Application No.:

10/644,274

Group No.: 2823

Filed:

August 20, 2003

Examiner: GARCIA, Joannie A.

Confirmation No.:

5179

For:

CONTROL OF ETCH AND DEPOSITION PROCESSES

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a) and 1.10)

I hereby certify that this correspondence:

- 1. Certificate of Mailing (1 pg.);
- 2. Transmittal Form (1 pg.);
- 3. COPY International Search Report (4 pp.);
- 4. Supplemental Information Disclosure Statement with Form PTO/SB/08a and b (4 pp.);
- 5. COPY References A1-A5, B1-B2 and C1; and
- 6. Return Receipt Postcard.

is on the date shown below being:

MAILING

X deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Date: June , 2005

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

angnature

Linda M. Ginsberg

(type or print name of person certifying)

PTO/SB/21 (09-04)

	Index the Personnel Production Act of 1995	no nomoni		Patent and Tr	rademark	tor use through 07/31/2006. OMB 0651-0031 coffice; U.S. DEPARTMENT OF COMMERCE unless it displays a valid OMB control number.	
- COMP	TIME! THE PAPELWOIN REGULATION ACCOUNTS	He persons	Application Number	10/644,2		unices it displate a faile with control father.	
RAUCE	TRANSMITTAL		Filing Date	ing Date August 20, 2003			
	FORM	1	First Named Inventor	Michae!	Michael S. Boger		
		1	Art Unit	2823			
(to	be used for all correspondence after initial	filing)	Examiner Name	GARCI	A, Joa	nnie A.	
Tot	tal Number of Pages in This Submission		Attorney Docket Number	740789-	-54350		
		ENCI	LOSURES (Check all t	that apply)		
	Fee Transmittal Form		Drawing(s)	_		After Allowance Communication to TC	
	Fee Attached	، 🗆	Licensing-related Papers			Appeal Communication to Board of Appeals and Interferences	
	Amendment/Reply		Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
	After Final	│└──J F	Petition to Convert to a Provisional Application	1		Proprietary Information	
	Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence A			Status Letter	
	Extension of Time Request	Ferminal Disclaimer Request for Refund		X	Other Enclosure(s) (please Identify below):		
	Express Abandonment Request			Certificate of Mailing; COPY-International Search Report; COPY-References A1-A5,			
X Information Disclosure Statement C			CD, Number of CD(s)		B1-B2, and C1; and Return Receipt Postcard		
		1 1	Landscape Table on CD	, '			

	SIGNATURE OF APPLIC	CANT, ATTORNEY,	OR AGENT	
Firm Name	Nixon Peabody LLP, 100 Summer S	Street, Boston, MA	02110	
Signature	will wrote.			
Printed name	David S. Resnick/Nicole L.M. Valtz	_		
Date	June 1, 2005	Reg. No.	34,235/47,150	

Remarks

CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

The Commissioner is hereby authorized to charge any fee deficiency or credit any

overpayment to the Nixon Peabody LLP Deposit Account No. 50-0850.

Signature

the date shown below:

Linda M. Ginsberg Typed or printed name

Certified Copy of Priority

Reply to Missing Parts/ Incomplete Application

Reply to Missing Parts under 37 CFR 1.52 or 1.53

Document(s)

Date

June /, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT

Practitioner's Docket No. 740789-54350

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Michael Stephen Boger et al.

Application No.:

10/644,274

August 20, 2003

Group No.: 2823 Examiner: GARCIA, Joannie A.

Confirmation No.:

5179

For:

Filed:

CONTROL OF ETCH AND DEPOSITION PROCESSES

CERTIFICATE OF MAILING

I hereby certify that this correspondence, on the date shown below, is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to MAIL STOP AMENDMENT, Commissioner of Patents,

Box 1450, Alexandria, VA 22313-1450.

Date: June . 2005

Linga M. Ginsberg

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir/Madam:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56, 1.97, and 1.98, Applicants wish to bring to the Examiner's attention the following references, References A1-A5, B1-B2 and C1 cited in the attached Forms PTO/SB/08a and b.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or
- X (2) within three months of the mailing date of the PCT International Search Report; or

U.S. Serial No Filing Date: 8 Page 2 of 2		4
	(3)	after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance , and the requisite Certification or fee under Rule 1.17(p), namely \$180.00, is included herein; or
<u></u>	(4)	after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee , and the requisite Certification, petition, and petition fee are included herein.
<u>X</u> _	A copy	of the International Search Report is enclosed herewith.
	It is res	spectfully requested that each of the documents shown on the attached form(s)
	PTO/S	B/08a be made of record in this application.
	Copies	of these documents (CHECK ONE):
<u>X</u>	are enc	losed herewith that have not been previously submitted; or
<u>.</u>	have be	een cited in the parent application, and are thus not being resubmitted herein.
		FEE AUTHORIZATION
The	Commissio	oner is authorized to charge fee deficiencies or credit overpayments associated
with this sub	mission to	the NIXON PEABODY LLP Deposit Account No. 50-0850.
Date: June	, 2005	Respectfully submitted,
		mud. n. rube .
		David S. Resnick (Reg. No. 34,235)
		Nicole L.M. Valtz (Reg. No. 47,150) NIXON PEABODY LLP
		NIXUN PEADUDI LLP

100 Summer Street Boston, MA 02110-2131 (617) 345-6057

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Adder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

US-

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/644.274 Filing Date 08/20/2003 First Named Inventor Michael S. Boger Art Unit 2823 Examiner Name <u>GARCIA, Joannie A</u> Attorney Docket Number 740789-54350

(Use as many sheets as necessary) Sheet

S. PATENT DOCUMENTS Examiner Cite Publication Date Name of Patentee or Pages, Columns, Lines, Where **Document Number** Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant No. Figures Appear Number-Kind Code^{2 (if known)} US-A1 4,039,370 08/02/1977 Kleinknecht US-A2 4,141,780 02/27/1979 Kleinknecht et al. US-12/18/1979 A3 4,179,622 Moritz US-07/11/1995 Taubenblatt A4 5,432,607 US-A5 2003/0000644 A1 01/02/2003 Subramanian et al. US-US-US-IIS. US. US-US-US-US-US-US-US-

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹		atent Document Me ³⁻ Number ⁴⁻ Kind Code ⁵ (if known)	,	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
	B1	EP	0 462 599	A2	12/27/1991	Applied Materials, Inc.			
	B2	EP	0 352 740	A2	01/31/1990	Applied Materials Inc.			

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document when the horizon of the year of the reign of the Emperor must precede the serial number of the patent document with the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. § Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Cunder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Sheet

STEW & TRANS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/644,274			
Filing Date	08/20/2003			
First Named Inventor	Michael S. Boger			
Art Unit	2823			
Examiner Name	GARCIA, Joannie A.			
Attorney Docket Number				

		NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, and/or country where published.			T ²
-	C1	RAYMOND, C. et al., Proceedings of the SPIE, 3998:135-146, (2000).	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete the complete of the confidential translation is a standard and the complete of the comp including gathering, preparing, and submitting the completed application for to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.